

A B S T R A C T

SPACE-WEIGHTED COMMUNICATION PATH ESTIMATION

5 The invention relates to a method of estimating a communication path formed of a plurality of channels, the method necessitating an estimate of the impulse response C_1, C_2, \dots, C_n of said channels, characterized in that it includes the following steps:

- 10 - acquiring a space statistic of the transmission path,
 - establishing a corrected impulse response (C'_1, C'_2, \dots, C'_n) at least by weighting said impulse response estimates (C_1, C_2, \dots, C_n) by means of said space statistic and an estimate of the additive noise ($N_{01}, N_{02}, \dots, N_{0n}$) of said channels.
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35 Translation of the title and the abstract as they were when originally filed by the Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.

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